

What is claimed is:

1. A polyvinyl alcohol polymer film in which the amount of a polyvinyl alcohol polymer eluted when a 10 cm square polyvinyl alcohol polymer film is left in 1 liter of water of 50 °C for 4 hours is from 1 to 100 ppm.
2. The polyvinyl alcohol polymer film according to Claim 1 wherein the content of an alkali metal compound is 0.5% by weight or less based on the polyvinyl alcohol polymer.
3. The polyvinyl alcohol polymer film according to Claim 2 wherein the alkali metal compound is sodium acetate.
4. The polyvinyl alcohol polymer film according to Claim 1 which is used for a polarization film.
5. The polyvinyl alcohol polymer film according to Claim 2 which is used for a polarization film.
6. The polyvinyl alcohol polymer film according to Claim 3 which is used for a polarization film.
7. A polarization film made by using a polyvinyl alcohol polymer film for a polarization film of Claim 4.
8. A polarization film made by using a polyvinyl alcohol polymer film for a polarization film of Claim 5.
9. A polarization film made by using a polyvinyl alcohol polymer film for a polarization film of Claim 6.
10. A method of producing a polyvinyl alcohol polymer film of Claim 2 comprising film-forming using as a raw material a polyvinyl alcohol polymer in which the content of an alkali metal compound is 0.5% by weight or less based on the polyvinyl alcohol polymer.
11. The method of producing a polyvinyl alcohol polymer film for a polarization film according to Claim 10 comprising film-forming using a film formation raw material prepared at temperatures of 150

°C or less containing a polyvinyl alcohol polymer in which the content of an alkali metal compound is 0.5% by weight or less based on the polyvinyl alcohol polymer.